

Run on every 40 samples HighPass, NLP, DTMF
 Run on every 4 samples Signal Analysis, Signal Detector, Noise Modelling
 Run on every 1 sample All other blocks

scalar signal
 vector signal
 ECAN_STATUS bits
 conditions to enable a block

Figure 2 Voice Echo Canceller Block Diagram with Active Tap Detection Algorithm

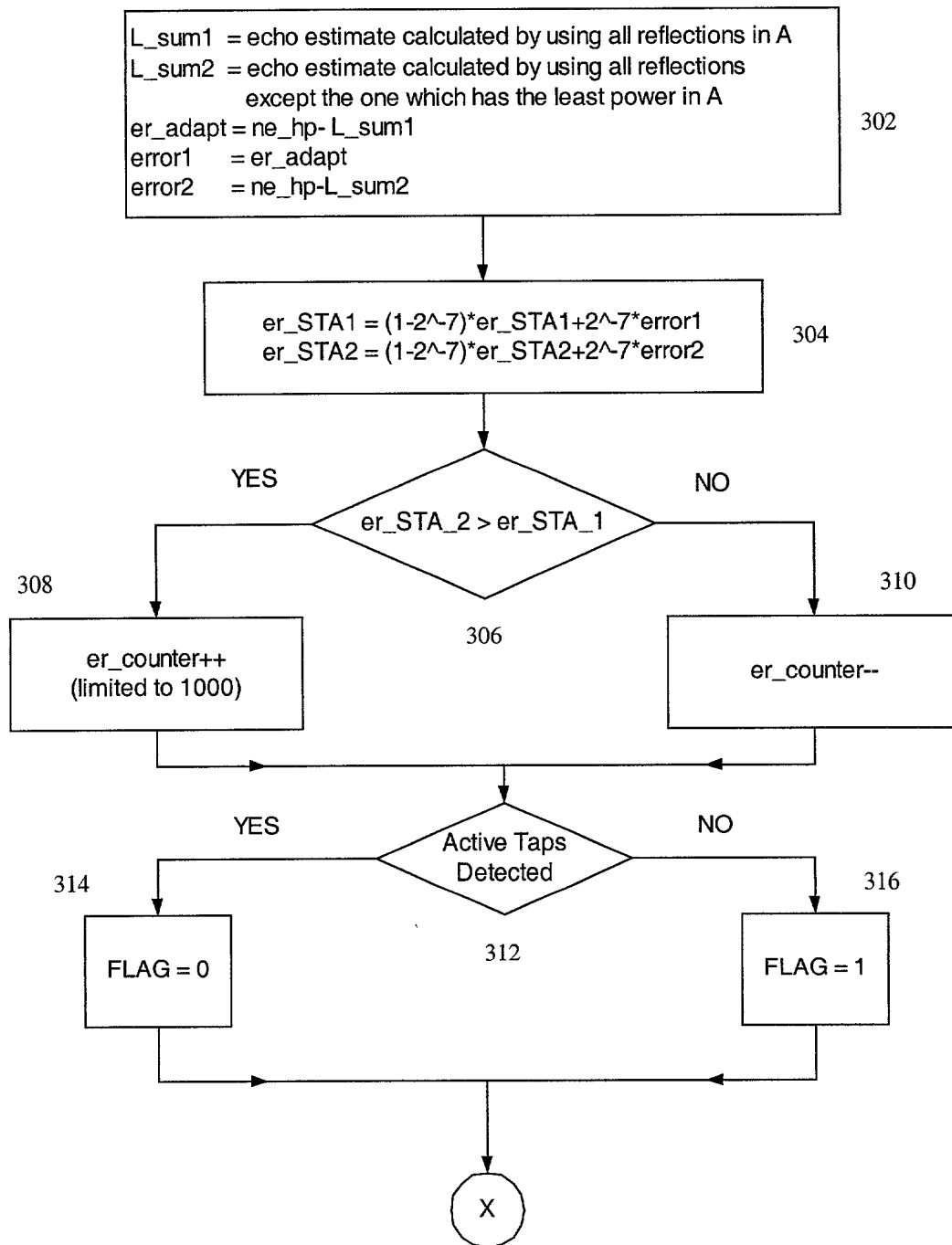


Fig. 3A 300

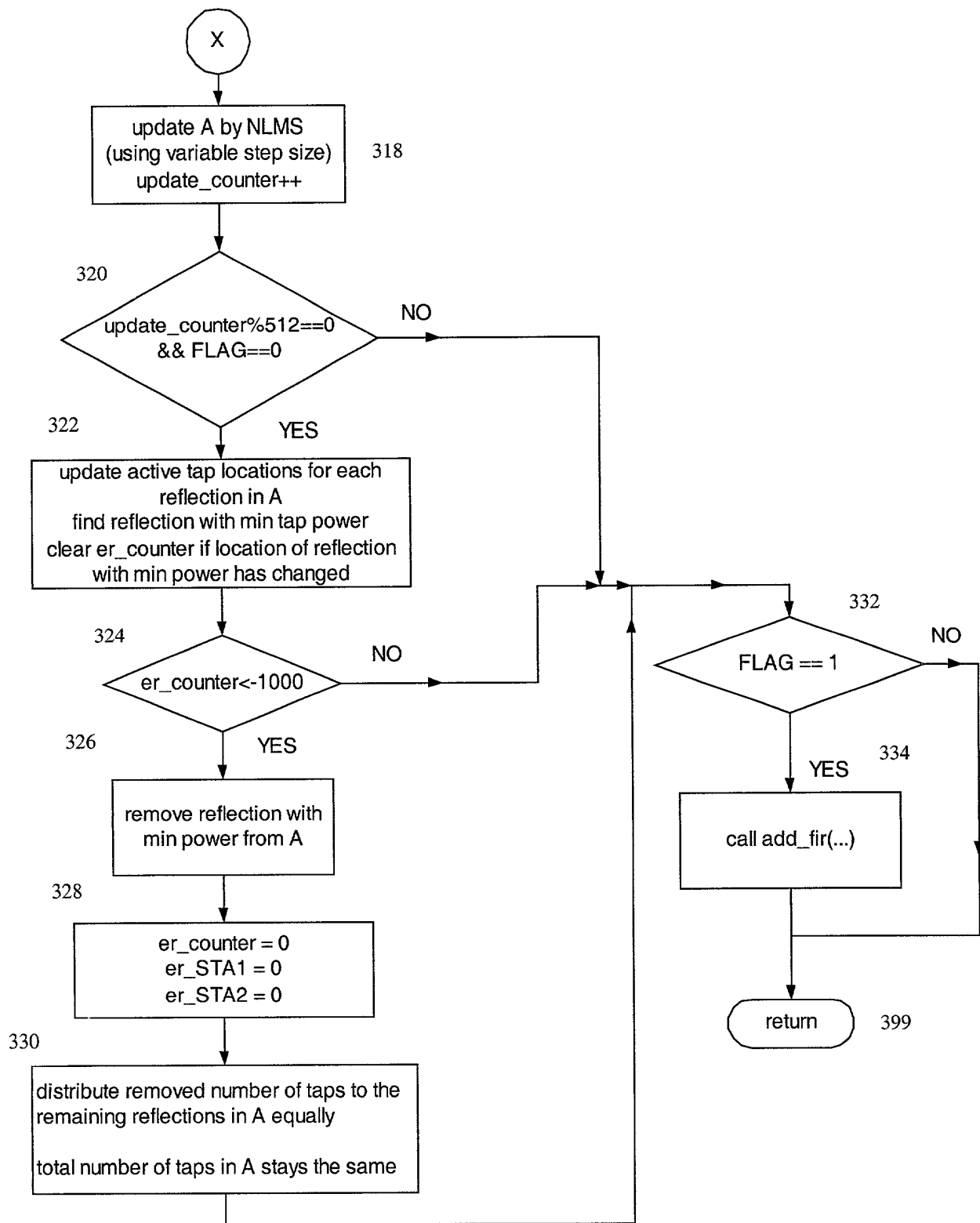


Fig. 3B

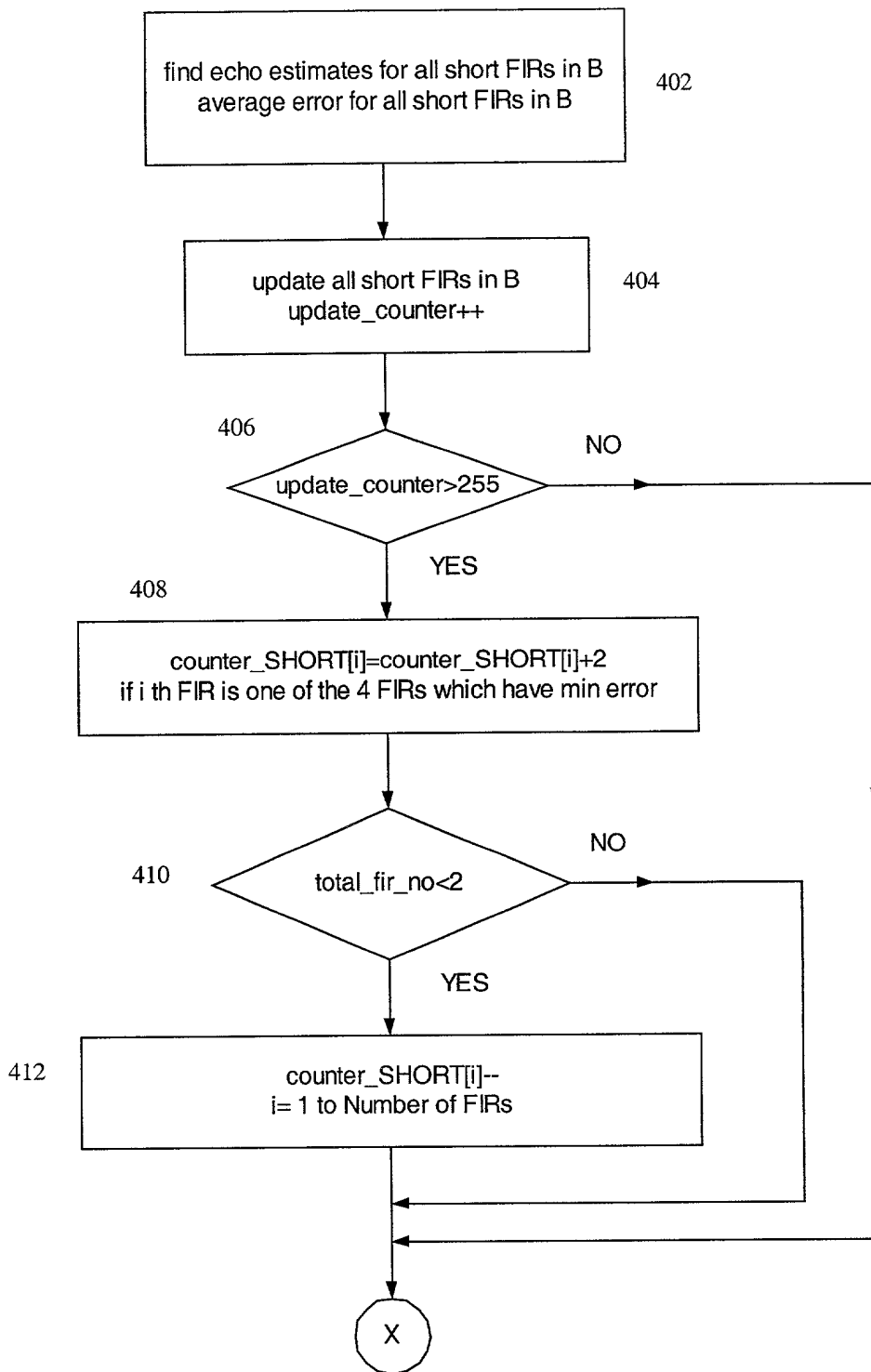


Fig. 4A

400

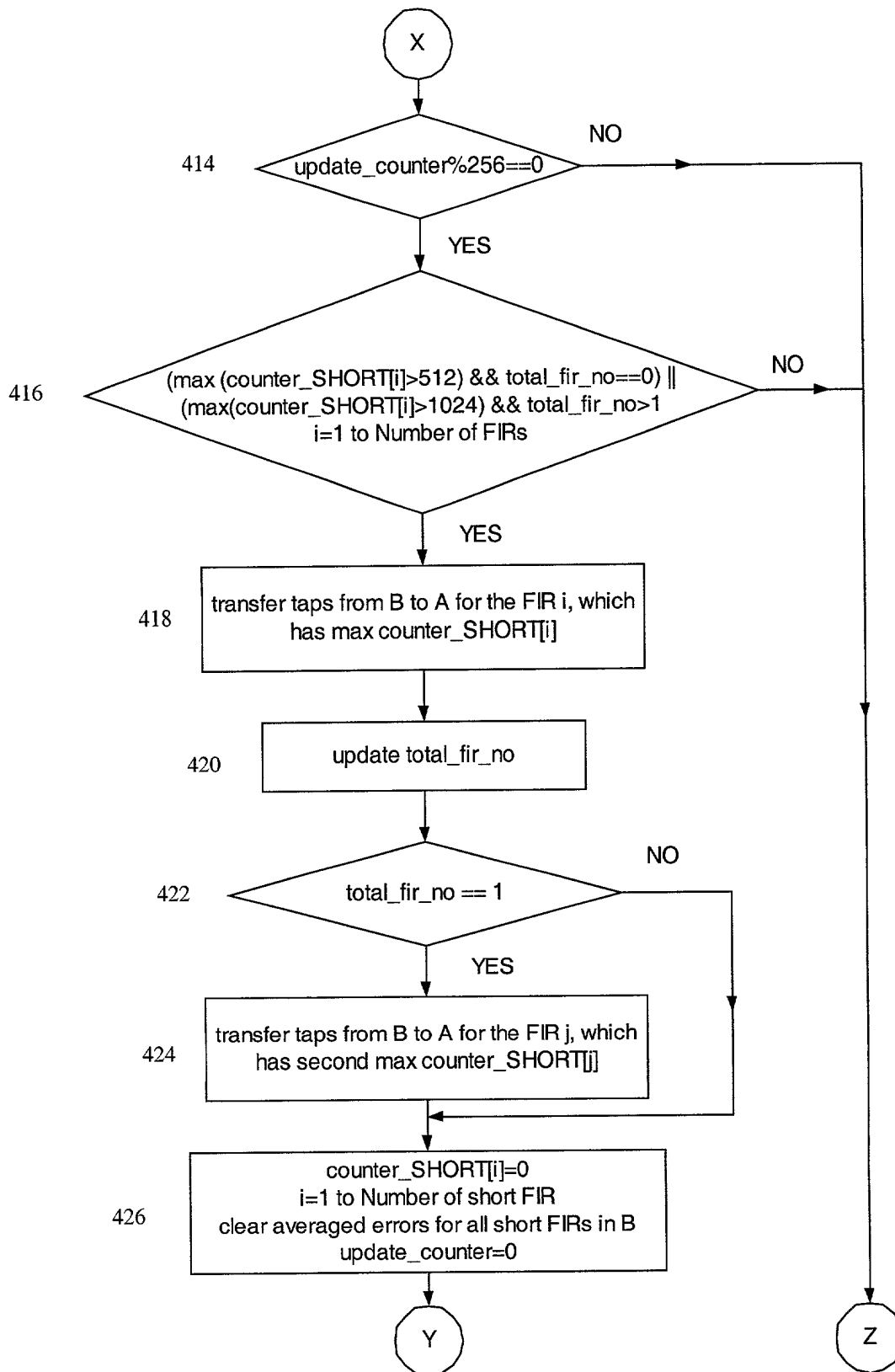


Fig. 4B

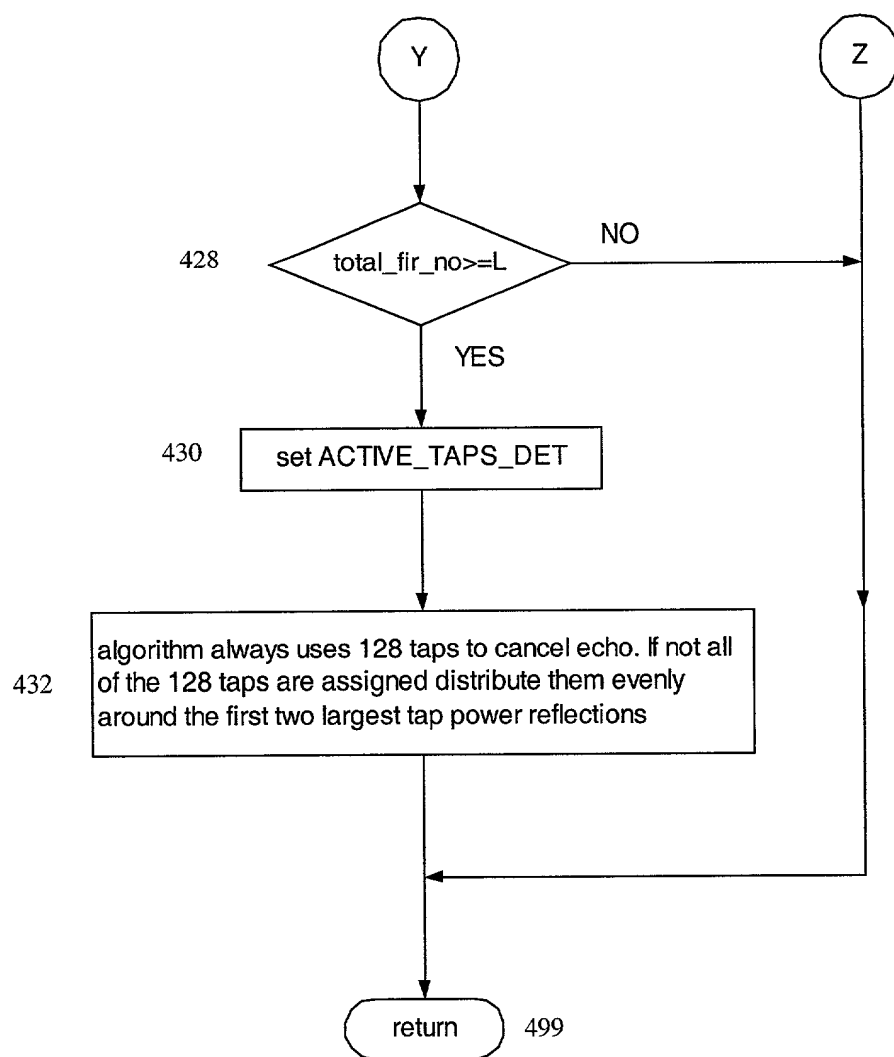


Fig. 4C

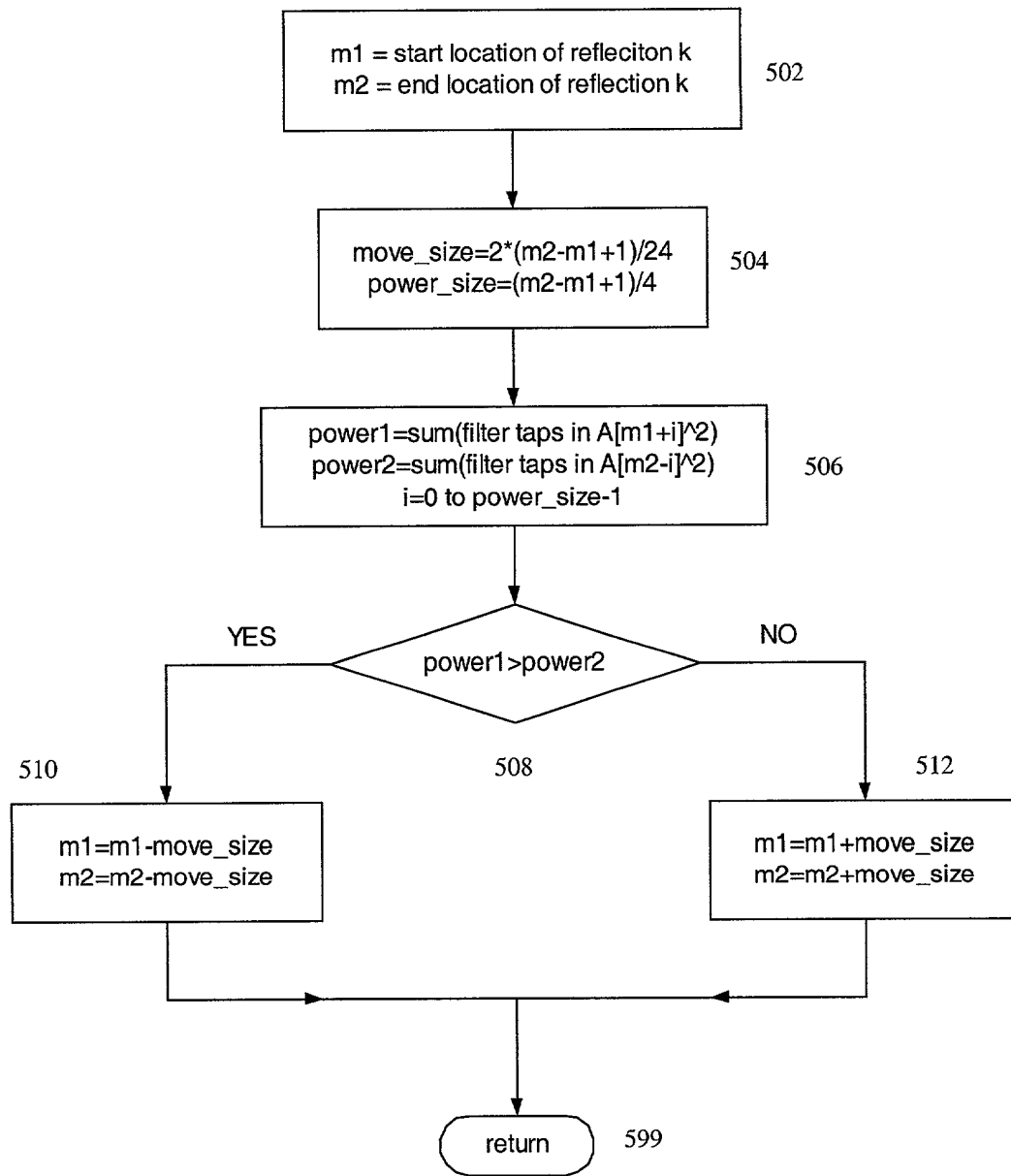


Fig. 5 500

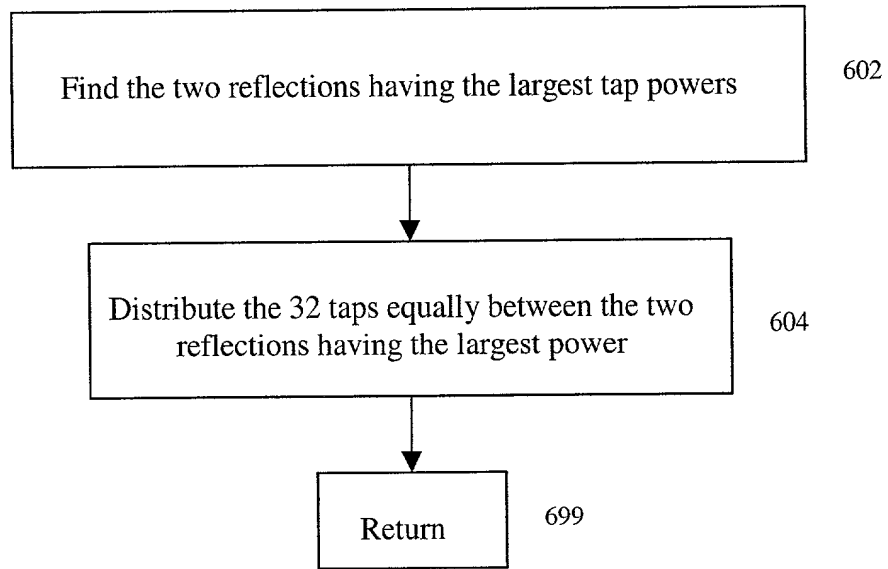


Fig. 6 600